

DRAWING			ORIGI-	DRAWN	ENG'G.		GRADED		長上	
NUMBER	TITLE	USED IN	NATOR		APPROVAL	1	2	3	CLASS.	REMARKS
B-45000,	FIG. 3- NAVAR-COMPLETE	M-2003	T. KIL DEBRA	107						
A-45001	TELERAN DISPLAY	M-7003	h .							
D-45002	FLOW DIAGRAM FIGURE 9 SHEET !		ACRDEN	F. BRUNSWICK			-			B-REDUCTION VV
D-45003	FLOW DIAGRAM FIGURE 9 SHEET 2		A ORDEN	F. BRUNSWICK 12-7-49		4			,	B-REDUCTION //
A 45004	FIG I PLAN VIEW OF HELIX ENTRY	E-2011	D. ISRAEL							
A45005	FIG & GEOGRAPHICAL ZONES	E-2011	D. ISRAEL							
A45006	FLIGHT INTRODUCTION SUBPROGRAM	E-2011	D. ISRAEL	M. MATAS 3-17-50						
B 45007	OVERALL FLOW DIAGRAM	€-2011	D. ISRAEL					,		
A-45008	FIG. PATHS PROACHING A RADIAL		RIVIESER							
A 45009	FIG 2 ALTERNATIVE PATILS		R. WIESER							
B 45010	FIG 3 FLOOR SCHEMATIC OF TRAFFIC CONTROL FUNCTIONS		RWIESER							Parts List
C45011	FIG 4 SIMPLIFIED BLOCK SCHEMATIC		R WIESER	M. MATAS 4-7-56						
A 45012	FIG 5 ROLL ANGLE		RWILLR							
45013	TIG 6 PITCH HNGLE		RWIESER							
45014	FIG 7 A SAMPLING DEVICE		RWIESER							
A45015 ,	FIG 849 FREQUENCY SAMPLING		R.WILSER	0.WATBS						
45016	TIE /	E-341	P.FRANKLIN	D.SHEAHAH 4-18-50						
A45017 <sub>/</sub>	CIVIL AIRWAYS CHART	R-188	D. 15RAEL 4/26/50							REPRODUCTION DEPT OF COMMERCE
A45018 J	READ-IN BLOCK SCHEHIATIC	M-2047	CRWEST S/10/SO	2				-		CONFIDENTIAL -
A 45019	TYPICAL INSTRUMENT APPROACH	R-188	D. I.SRAFL							F1016
A45020	PATTERN ON 100 MILE CPS-5 SEARCH RADAR	TE 198	D. ISRALL	5 25 50				ļ		F-1018



DRAWING		USED IN	ORIGI-	DRAWN	ENG'G.	1,500	GRADED	)	01.400	- newtone
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
-45021 //	AIRPORT APPROACH DIAGRAM	Thesis :	A. ORDEN	F.B.	7	-			1	
-45022	ELECTRONIC SYSTEM		n .	.,,						
- √	(F192)									
7-45023 <sub>//</sub>	SCHEMATIC OF MONITORING SYSTEM (FIG 3)	19	1 1	4			-			
-45024	SCHEMATIC OF RECOGNITION PRUGRAM (FIG 4)		<u></u>	47			-			•
45005	City to Color to	1,	*	4						
8-45025 <sub>11</sub>	Construction Program (F195)	,								
9-45026	PRUHIBITED JUNETIONS (FIG. 6)		"	4				-	-	
9-45027	X-t DIAGRAM for	> (	.,	14						
7- 4302 / VI	SEVERAL AIRCRAFT (FIG. 7)							L	-	
45028 <sub>/</sub>	Passing strip	*	67	(1				·		
A 45029	4 Me CLOCK PURSES - OUT PUT OF 10/1	SISSONS THESIS	R. S1550 N							F-
	DIVIDER - OUTPUT OF GATE GENERATOR		12	12-19-49				-	-	
A 45030	SIGNAL AFTER . 1 ST FIFTER	RSISSONS THESIS	N. SISSON				-	<u> </u>	-	F
A 45031	THE 3 PHILE VOLTAGES GATE From FF& FOR 0=0	M SISSONS THESIS	F SIESMAI	13-19-49 F BRUISHEN			+	<del>                                     </del>	1	F.
H 43001	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 225 3 116 5 3	1	13-19-49				İ	1	
A 45032	SPITHING ROTOR OUT PUT	R. Sissons THESES	R. Sissani							F-
Y v				1219.49				-	-	
A 45033	CLTPUT - YOLLAGES	P. SISSONS THESE	R SISSON		1			+	+	F
V J	PLUKER GRID WAYEFORM	R. SISSONS THESIS	P SISSAN	10-19-49 ESKININICH			1.	_	+	F-
A 45034	TTIRER GRID WAYEFORM	N. 0/350/13 //C-4/3	11 2133011	12-19-49			3			
A 45035	LIPPUT OF OUT PUT OF CHIPPER-PEAKER	R. SISSONS THESIS	R. SISSON	The second second						F-
FI 43003				12-19-49						
D-45036	DELAY ELEMENTS 3 \$ 4, AND	11	11	D. L. SHE AH	N			101		B- REDUCTION VV
1	ASSOCIATED CIRCUITRY	1	1	12-19-49			-	-	-	
A45037 V	ELERINGEMENT OF TEST EQUIPMENT TO	C1550H	3,	1					+	
	CHLIBRATE MULTIVIERATERS 1, x, 3, +4 BLOCK SCHEDIATIC OF CONVERSION	10 ST H 19	1 - 5	2 0	-		+	+	+	
A 45038 VV	DEVICE	A AH	. 2 3	30%						
A45039 (	BLACK DIAGRAM AT CONVERSION DEVICE	5055	3 7 3.	2 3 3	-			-	-	
A45040	SYSTEM FOR CONVERTING PULSE-POSITION	1 A. 5	15-6	14 3						
	MODULATED SIGNALS INTO BINARY PULSE	E. WE	15	3 8					-	
A 45041 II	BLOCK DIAGRAM OF TEST SETUP	4	8	10.11.			1	1	1	

		1				- 1		-	Sec.	45042
DRAWING NUMBER	TITLE	USED IN	ORIGI- NATOR	DRAWN BY	EN G 'G. APPROVAL	1	GRADED 2	3	CLASS.	REMARKS
A 45042,	BLOCK DIAGRAM OF THE SYSTEM USED FOR CONVERTING SHAFT POSITION Etc.	1							1 -	
A 45043, v	SIMPLIFIED BLOCK DIAGRAM OF THE SYSTEM FOR CONVERTING SHAFT etc	5		>						
45044	TIME RELATIONSHIP OF PULSES IN THE	**	3	8.7						
45045	TIME RELATION SHIPS OF YARIOUS WAYE FORMS	Λ	5	A					,	9.5
Q45046	CONVERSION OF BINARY NUMBERS INTO YOUTAGE AMPLITUDES	43	200	7 6						
45047	CATHODE FOLLOWER	- 5	7.	9, 0						
445048 N	RESOLVER METHOD OF PHASE	33		9						
A45049	ANGULAR POSITION OF SHAFT AS A FUNCTION OF THE HUMBER OF PULSES	4.	7	4 4				,		
45050 N	ERROR CURVE WITH TWO CONTROL TRANSFORMER SYSTEM	0	7	70						
45051	ERROR IN ANGULAR POSITION AS A FUNCTION OF THE HUMBER PULSES	<u> </u>	>	1						
45052	STATIC CHARACTERISTICS OF A D-359 CRYSTAL	20	3	- X m						
45053 Jy	FUNCTION OF TIME INTERVAL SE.	2	5	6						
45054 V	LOW- FREQUENCY BLOCKING- OSCILLATOR	€,	6,	4.						
B 45055	CLIPPER - PEAKER						+	1-1		
B 45056	GATE GENERATUR AND INTEGRATUR									
B 45057	FILTER, PHASE SHIFT HETWORK, AND CONTROL TRANSFORMER CIRCUITS	SISSON THESIS								
A-45058	SYNCHRONIZING PULSE INPUT AND OUTPUT						1			
45059	EFFECT OH WAYE TORMS									
A 45060	OUT PUT OF GATE GENERATOR									
45061 NY	OUT CUT OF DECODER	4/72 S/IM F 0.0 V	DISRAEL	CRIFFIN						
A-45062	PIG. 1. PLAN + ELEVATION OF FINAL APPROPRH PATH FROM THE ENTRY POINT E TO TOWEN DOWN HIR		DISKHEL	6-28-50			111	-		d



45063

DRAWING	TITLE 1	HOED IN	ORIGI-	DRAWN	ENG'G.	GRADED		CI ACC	DEMARKS
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	2	3	CLASS.	REMARKS
9-45063	FIG. 3. TRACK-POSITION ON TRACK ALTITUDE	6673 SUMMARY	ISRAEL.	GRIFFIN					
77- 20008		REPORT		6-28-50		 -		+	
3-45064	FIG. 3. REPRESENTATION OF A TRACK	- //	- "	SHEAHAN				+	17
	PROGRESS SCHEDULE	"	-	6-28-50		 -		+	
8-45065	FIG. 4 DETIMUM TRACK + PROGRESS SCHEDULE	<i>''</i>	- "	5HEAHAN 6-28-50					
-45066	F16.5 a - DESCENTION STRAIGHT TRACK (INELEVATION)  L- CURVED TRACK (IN HORIZINATAL PLANE)  C- DESCENT PATH ON CURVED TRACKUM PROPRETION	"	"	GRIFFIN					
			+,,	6-28-50		-		-	
B-45067	FIG. 6 CRUSSING PATHS IN A VERTICAL	"							
n 45000	FIG. 7 PATTERN FOR HOLDING + APPROACH	"	"	SHEAHAN					
A-45068				6-28-50					
A-45069	FIG. 8 DOWN WIND LAST U-TURN INTO	_ "	"	GRIFFIN					
H-20003	THAL APPROACH	M =		6-28-50					
n AFONO	F16. 9	,	"	"			,		
A-45070									
B-45071	F16.10 DESCENT PATHS FOR GROUND SPEEDS ato	"		"					
5 45000	FIG. 11 I DEALIZED PATTERN OF INITIAL	,,	"	SHEAHAN	1	-			
B-45072	+ FINAL APPROACH			6-28-50					
B-45073	F/G. 12 DISTORTED INITIAL APPROACH	"	"	"					
0- 49073	TRACKS								
B-45074	FIG. 13 OPTIMUM INTERMEDIATE TRACKS	n	"	GRIFFIN					
D-40014	No. of the state o			6-28-50					
D AFONE	FIE. 14 INTRODUCTION OF A U-TURN	"	"	"					
8-45075	INTO FINAL APPROACH								
B- 45 (70	FIG. 15 INTRODUCTION OF AH INNER	"	"	"/					
D- 80, 12	ORBIT CENTERED ON THE AIRPORT								
P. AFONN	FIG. 16 RESTRICTION TO OHE DIRECTION	11	"	"					
B-45077	LE ROTATION ON THE INNER ORBIT								
D	FIG. 17 MUDIFICATION OF INITIAL APPROACH	"	//	"/					
B-45078	TRACKS TO PROVIDE ENTRY etc			10					
9-45000	FIG. 18 PART OF THE PATTERN OF	"	"	"	1				
7 - 443/ - 201	FIG 15 IN ELEVATION								
8-45080	FIG. 19 INTRODUCTION OF AM OUTER ORBIT	"	"	"					
0 20000	TOPROVIDE VARIATION OF TRACK GENETH								
N. 1500.	FIG. 20 ALTERNATIVE USE OF AH	//	"	SHEAHA	v		-		
4-45081	OUTER ORBIT			6-28-50					
B-12.125	FIG. 21 SIMPLIFIED PLAN OF APPRIACH	,,	11	"		-		+	
R-AEOOR	FIG. 22 TRACKS FUR 6:0 + 6:3600	"	"	77				1	
8-45083									

45084 ENG'G. GRADED DRAWING ORIGI-DRAWN TITLE CLASS. USED IN REMARKS APPROVAL NUMBER NATOR 2 ISRAE L 6673 SUMMARY SHE AHAN A-45084 FIG. 25. FIXED - PATH POTTERNS WITH MULTIPLE TRACKS 6-25-50 PATHS ABOVE A TRACK A-45085 AN ORBITAL APPROACH A - 45086NIDE - SWEEP PATTERN 8-45087 " F16. 29 A-45088 F16.30 B - 45089A MOVING-CURVE SYSTEM SE A SPIRAL REFERENCE PATH B- 45090 7-11-50 11 11 A 45091 7-12-50 A 45092 7-12-50 R-191) 1.6KIT.F. H 45093 / A 45094 A 45095 45096 45097 A 45098 A 45099 A 45100 J D. I.SRALL M. MATILS B 45101 DIMULTIPLEXER F14 2 A 45192 9-18-50 L. ELNSK! A 45103 ANGEL O FILTER AMPLITIER & SHAPER # 45104

45105

DRAWING	TITLE 1	11050 111	ORIGI-	DRAWN	ENG'G		GRADE	)	01.400	DEMARKS
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	- 1	2	3	CLASS.	REMARKS
15405	RADAR TRACKING PROGRAM I		RWALDUIST	M. MATAS						- CONFIDENTIAL -
D 45105				9-21-50						
£45106 /	SYSTEM BLOCK DIAGRAM FOR RADER		1 BEHSKY	BRUH SWILLY						V CONTIDENTIALL
C 201110 1	DATE TO WW. I CONVERSION			9-26-50						
SC 45107	RADAR TRACKING PROGRAM I		D. ISPAEL				-			LCONFIDENTIALL
20101				10-23:50						~ OBSOLETES
SC 45108	PROGRAM TIR TRACKING A SINGLE		DITSRALL							
	AIRCRAFT			12-18.50				-		
SA 45109-1	PRE- AMPLIFIES FOR 16 IN SCORE		R. BEST	R. BEST			-	-		
				1-26-51				-		5 /
R45110-7	ASSEMBLY, SCOPE UNIT 16 INCH DISPLAY		R. HUNT		C.W.WATT	-	-	H.F.		PARTS LIST
V V	OSCILLOSCOPE (WWI)		4-19-51					4-20-51		
D 45111-3	SUB-HISSEMBLY, COLL POSITIONING UNITS, SCOPE UNIT, WWI	1 .			R. WIESER			H.F.		PARTS LIST
	SCOPE UNIT, VIWI		2.28.51					3-1.51		
T-45112-2	MAIN Assembly, 161NSh Display Oscillozzote		R. HUNT					H.F.		PARTS LIST
			10-16-51				-	10-17-51		
F 45113-2	SUB-ASSEMBLY & ALL PANEL DETAIL, TUBE		R. HUNT					H.F.		
Y W	7 (* +111) to 1/2 ( 4 ) ( 1 ) +-		4-3-51	4-2-51	4. 3-51	-		4-4-51		
7 45111-2	ASSEMBLY, TUBE FRAME UNIT, SCORE		R. HUNT			-		H.F.		
VV	DHIT WWL			1	4-10-51	-		4-11-51		
B 45115-1	RING SUPPORT - FOCUSING COIL, COIL		- State of the Control of the Contro		C.R. WIESE	4	-	H.F.	-	
//	TOSITIONING UNITS WINI		23851					3-1-51		
B 45116-1	PERTINING UNITS WWI				- T. WIESER		1	H.F.	-	
0 -011	POSITIONING UNITS WWI			3-19 51		-		3-1-51		
B 45117	VERTICAL + HORIZONTAL STATIONALY				RIVIESER		-	H.F.		
D 43117 //				20151		-		3-1-57		
B 45118 /	GIB, COIL POSITIONING UNITS (WWI)				RIVINSER	-		H.F.	-	
				2-14-51	+			3-1-51	-	
A 45119-1	PRITE, DOVETAIL BLOCK DISPLAY UNIT,				RWIESER	-	-	H.F.	-	
II TOLLOVY	WWI	.,		2-15-51		-	-	3-1-51		
A45120-/	THUMB SCREW, VERTICAL & HORIZONTAL	- No. 1			CRWIESEK	1	-	H.F.	-	
V V					3-1-51	+	+	3-1-51	-	-
B45121	VERTICAL PLATE - FLEUSING COIL FRAME	<del> </del>	RHUHT	1	R WIESLIG			115		
	DISPLAY UNIT, WWI				3-1-5-1	-		3-1-51	-	
A 45122 2	BATTOM PLATE - FOCUSING COIL FRAME COIL		RHUHT		P. WESER	-	-	S.H D.		
n	TESTITIONING UNITS WWY		12-13-51		3-1-51	-		12-19-51	-	
A 45123-/	ANGLE BRACE, FOCUSING COLL FRAME,	1	K. HUNT		K. WIL FR	+	-	H.F.	-	
1/	DISPLAY VHIT, WWI		2-28-51			+	-	3-1.51		
3-45124-	PLATE VENTICAL & HORIZONTAL SLIDE,		The state of the s	The second secon	R WIE SEA	4	1	H.F.		
AEADE Y	GOIL TOSITIONING UNITS, WINI				3-1-51	-	-	3-1-51	-	
	THUMB JUNEW- SECONDARY ADJUSTMENT				R. WIESEK	-	1	HIFE	+	1
	DISPLAY VALT, WWT		2-28-51	2-15-51	13-1-51		1	3-1-51		1

45126

DRAWING	TITLE		ORIGI-	DRAWN	ENG'G		GRADE		01 400	DEMARKS
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
B 45126-1	FOCUSING COIL, DISPLAY UNIT, WWI		RHUHT	R. COSTELLO	C. P. WIESER			H.F,		
2 -01-0/V					3-1-51			3-1-51		
34540W-	HIRIZONITAL DOVETAIL BLOCK, DISPLAY		R. HUTIT	M-MATAS	RWIESER		-	H.F.		
B45127 V	The state of the s			2-14-51			1	3-1-57		
45128	SALW, GIB SET DISPLAY UNIT, WHI				R. WIESER		-	H.F.		
17				2-15-51			<del> </del>	3-1-07 H.F.		
B45129 JJ	HOLMBLY, DEFIL CTION YOKE GOIL		3.2951		C W W. 177			3-39-51		- DBSDLETE
	PASITIONING UNITS (WWT)		The state of the s	H 2057142			<del> </del>	H.F.		TUDDULETE
3 45130-1	BILL DEFLECTION YKE, COLL POSITION OF			3-20-51			1	3-39-51		~CBSCLET
	PLITE, YERTICAL DEFLECTION YOKE TRAINE,	7	RHUNT				<del>                                     </del>	1/.F.		D 0 0 0 A 5 16
645131 N	COLL POSITIONING UNITS (WWI)		E 0		3- 29-51			3-29.51		
· · · · · · · · · · · · · · · · · · ·				R COSTELLO			<del>                                     </del>	H.F.		
B45132 //	GL POSITIONIS - UNITS WWI		5-21-51		3 59.51			3-29-51		
	0,500 = 1,160 = 101	- 11	K HUHT	R COSTELLE	7			, A.E.		
45133 <sub>//</sub>	COLL POSTLAMING UNITS WWI	1,7			3-09-51			3-29-51		
e ALADA				R. COSTELLO				HIF.		
C 45134 VV			8 30 51	3-6-51				8-30-51		
F 15125-	SUB-ASSET BLY - CAR HET 16" DISCLAY		R. HUNT	Folantinis			-	4,7		PARTS HIST
L SEOTION AN	CSCILLOSCOPE WWI	3	8-30-51	7-2451			-	8-30-51		
E45136-1	FRONT TRAME SUB-ASSY & DETAILS, 16		R. HUNT	1	CHNOT	-		H.F.		
	INCH DISPLAY OSCILLOSCOPE WAL			7-25-51				8.20.51		
R45137-1	BUCK TRAITE SUB ASSIY + DETAILS		R. HULT	A STATE OF THE PARTY OF THE PAR				H.F.		
//	I KNOW TO FINE CSCILLOSCOPE WWI		8-21-51	8-10-51				8-22-51		
A 45138	THRENDED INSERT, SCOPE UNIT, WWI				C.W. WATT	-	+	H.F.		
	2 - + 0 / + 1 / 0 - /		1,+		4-17:51		+	4.17.51 H.F.		
F 45139-4	CIRCUIT Schematic 10 Display		K. HUAT	A Company of the Comp	CWWE	-	1			
	1 11/03 FE WI		13-18-51	9-14-51 ADAMENUS		+	+	H.F.		
	FROMT PAHLL, SCOPE UNIT WWI		C.W. WATT	3-26-51		1		4.10.51		
	HENT SHELD, LOVE DUCT, WW.E		RIBAT			1	+	1/ F	1	
C 45141 //	FISHI STEELS SELECTION WITH				3-24-51			7 =1 =7		
	LIGHT LUFETON FRANS-SCORE WALT WALL			R. 625TE 44		1		7.5		33.2.2.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.
C 45142 //	LIGHT ENECTOR BAND-SCOPE BANT, WWI				3-2651			3-26:1		
A 45143	JAHD OFF, PLASTIC RING SUPPORT,			ADHASHUS	_			HIF		
11 20120	SCOPE UNIT WWI		4-10.51	3 26 51				4-10-57		
A 45144	SLIDE TOR PLASTIC YOUR SUMMET.		CW WAT	Contract				HIE	-	
0.174	Coope INT WINT		4-10-51	3-17-5/				4-10-51		
7 45145-1	GUSSET PAHTE, TONT - SCOPE				OCWINAT	-	-	H.F.	-	
	UIIT, WWI			3-26-51		-	-	4-4-51		
D 45146-	GUSSET PLATE, LEFT - SCOPE				O C.W.WATT	-	+	H.F.		
y v	UHIT WEET		4-4-51	15.27.51	4 4 51			4-4-51		

DRAWING	TiTLE 1		ORIGI-	DRAWN	ENG'G.		GRADE	D	CI 4CC	. DEMARKS
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
P 15114-	DIALS, ISSEMBLY, SCOPE UNIT WWI		R. HUNT	ADAM CHUCK	C.W. WATT			H.F.	1	
V 1	VI		4-13-51	3- 29-51	4-13-51			4-13-51	1	
A 45148	SHIM, HINGE - SCOPE UNIT (WWI)		C.W. WATT	COSTELLO			-	H,F.		
1 20220/1			4-10-51	3-28.51			1	4-10-51		
D 45149-4	ASSEMBLY - AUXILIARY PANEL 16 INCH		R. HUNT.	MANNING	C. W. WATT		1	A.F.		PARTS LIST
	DISPLAY CREILLOS COPE (WWI)			8.2451				9-19-51		
B 45150 /V	BLOWER MOUNTING PLATE, SCOPE UNIT		R. HUNT	The second secon	The Control of the Co		-	HIF.		
2			4-3-51				-	4-451	-	
A 45151	BLOWER SHIELK WASHER, SCOPE UNIT WWI		P. HUNT				+	H.F.	-	
11 === 11	/			3-07-07	4-3.51			4.4.51	-	
B 45152-	BLOWER MIDGET, SCOPE UNIT WWI			ADAMEHUCK				HE		
	/		4-10-51				+	4-1051	+	
H 451537				PLANT SHOCK			-	H.F.		
	SCOPE UNIT WWI		3-29-51		3-3/-7		1	3-3451	4	
B 45154	HINGE, SEDIOE UNIT, WWI		3. W. W. 77	SOSTELLS				H.F.	ļ	
- XY	/			4.9.07				4-10-51	-	
D 45155	SHARNEL, PACK SUPPORT, SCOPE		R.HONT					H.F.		
	LUIT WY		4-451		4.4.51	_		4451		
C 45156-2	SCREEN, TUBE - SCOPE UNIT WWI		C.W. WATT	H DHM HUCK	-		+	H, E,		
	<u> </u>		4/1051	4-251	1		+	4-10-51	+	
C45157-	RING CLAMP, GRID, SITE UNIT WWI				C.W. WATT			H.F.	-	
V V			4-13-51	4-4-51				4-13-51	4	
A 45158-1	LIGHT CAR, DIAL EDGE LIGHTIMS,	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		The state of the s	C.W. wd IT			H.F.	-	1
V	Scort INIT NWZ			4-13-51	4-17-51		+	4-17:51	+	<del></del>
45159	-	1		-			+	+	+	
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Dr. II		- CW NAT		+	H.F.	+	PARTS HST
E 45160-1					5-17-57		-	5-17-51	/	11112 1101
· · · · · · · · · · · · · · · · · · ·	DISPLAY OSCILLOSCOPE (WWI)					_	+	H.F.	+	
D-45161	SUB-1256 WALLY MOUNTING FRAME,			The second second second second	C. W.WATT			5-17-51	/	
Y	1 35 NM CUMERA MARKET INT	<del></del>			5-17-51 E. W.WATT			H.F.	+	
	ANGLE, MOUNTING FROME WHI		T. E. HUH!	4-17-51			1	- 101	5	<del>                                     </del>
			REVIEW T		-	-	+	AE	+	
C-45163 V	January Contract of the State o		Solver 1	4-31-51			-	5-17-5	7	
	VELT CHARLES, A WHILE FRANCE MAT		REHUST	r/20/11541K		-	1	H.F.	1	<del> </del>
C-45184	J THE THE PARTY OF		- A.E. 100	11-18 -1	J. 11. 51			500	7	
	KIEST CHARMS L. MUNTING FRUME ANT	7	KIE HUNT	H-70-37	G. W. W. J		+	J.F.	+	1
6 45165 V	VICE THE THE THE THE THE THE THE		5-16-51	4-1/-1	5-17-51			5-195	7	
- AE 100	SUB- ASSEMBLY, CAMERA HOOD 35 MIN		RHAT					H.F.	+	
D 45166	I CAMBRA MINIT WINI		5-17-57	-				5-17.5	7	
3 AEACW	12 0				C.W.WATT			H.F.		
D 45167	1				15-17-07			5-17-5	7	

DRAWING	TITLE	USED IN	ORIGI-	DRAWN			GRADE	)	CLASS.	REMARKS
NUMBER	1116	USED IN	NATOR	BY	APPROVAL	1	2	3	ULASS.	REMARKS
45168	PLATE, CAMERA MOUNTING, CAMERA		RHUNT	ADAMEHUK	CWINATT			H.F.		-
14	MOUNT /WWI			4-22-51		114		5-17-51	-	
45169	RECESS FILLER		R. HUHT	ADAMEHUK	C. W.WATT			iH.F.		
E VV			5-17-51					5-17-51		
45170	HIGHT SEAL CAMERA MOUNTING				C.W.WATT			H'.F.		
V /	PLATE WWT		5-17-51				-	5-17-51	-	
A45171 //	THUAB SCREW, CAMERA MOUNT WAI				C.W. WATT			H.F.	-	
11				4-37-51				5-17-51	-	
= 45172-6	AL. CHASSIS DETAIL - DEFLECTION		R. BEST	MAHHIN 6	Company of the Compan			H.F.	-	
·V /	AMPLIFIER SCOPE UNIT (WW)			7	7-27-51			7-27-51	-	
b 45173-7	Sug- Assembly, DEFLECTION AMPLIFIER	1			C.W.WATT		-	S.H.D	-	PARTS LIST
- V	SEAPE UNIT (WWI)			8-1-51	-			8.8-51	-	-
45174-3	Sub-ASS'Y + DETAILS. INTENSITY SELECTION	7	R. HUNT		C.W. WATT			HF	-	PARTS LIST
	PANEL 16" DISPLAY OSCILLOSCOPE WWY		9-21-51		9-25-17			9-28-51	-	
D 45175-1	SUB-ASSEMBLY + DETAIL INTENSITY INPUT PAHEL 16" DISPLAY OSCILLUSCOPE WWI		R. HUNT		C. W. WATT			·H.F.	-	PARTS LIST
1)	PAHEL 16" DISPLAY OSCILLOSCOPE WWI		9-18-51	8-7-51	9-18-51			9-19-51	-	
£ 45176	REAR COVER PANEL DETAIL 16" DISCLAY		R. HUHT		C.W.WATT			H.F.	-	
V	DSEINLUSCOPE WWI		9-18-51	8-9-51			-	9-19-51	-	
2 45177 -1	LIGHT TEAR & AUR. ONT LET DETAIL - 16"		R. HUNT	Compression Committee Comm	C.W.WATT			H.F.	-	
11	DISPLAY OSCILLOSCOPE WWI		9-18-51	8-10-51			-	9-19-51	-	
9 45178-1	LT+RT SCREEN FRAME 16" DISPLAY		RIHOHT		C. W. WATT			H.F.	-	
	OSCILLOSCOPE WWT		9-18-51		9-18-51			9-19-51	-	-
45179	AIR OUTLET NOREEH, 16" DISPLAY			A. ANDETTIE		-		H.F.	-	
	DSCHLOSCOPE WWT		9-18-51	8-11-51			-	9-19-51	-	-
A 45180 -/	STANDOFF, THREADED 16" DISPLAY		R. HONT	-				H.F. 9-19-51	1	
VY	CIRCUIT SCHEMATIC, CHASSIS, HUK. PANEL		9-18-51	8-15-51	the state of the s		-	4-14-51 HIFI	-	+
B 45181~/	CIRCUIT DEHEMATIC, CHASSIS, HUX. PANEL	-	K (FOUID		TABRIEN					
V)	SUR-ASSY CHASSIS, AUX. PANEL 16"		0.00		3-18-53		+	3-18-53	1	0
D45182-8	WE HSSY CHOSSIS, AUX. PANEL 16"				C.W.VAIT		1	BRIEN	1	PARTS LIST
V	SUR-ASSY, CHASSIS, AUX. PANEL 16"  DISPLAY OSCILLOSCOPE, WWI  CHASSIS DETAIL, AUX. PANEL 16"  DISPLAY OSCILLOSCOPE, WWI			8-12-53		-	-	11-17-53 H.F.	+-	
0 45183-2	DISOLAN ASSOCIATION AND THE TANK			8-28-51	C.W.WATT			9-6-51	1	
YY	AL DONG! DETAIL OF CORE, WWI				C.W.WATT	-	1	H.F.	1	
45184-3	AL PAHEL DETAIL - AUXILIARY PAHEL 16 INCH DISPLAY DSCILL GSCOPE WWT				9-18-51			9-19:51	1	
			9-18-51 PHINT		9-18-51 C. W. WATT	-	<u> </u>	H.F.	1	
45185-1			The second secon	9-18-51				9-19-51		
	Holder Cable High Voltage "110" DISPLAY			Dianehuke				H.F.	_	
45186	escible Sales with				9-25-51			9225		
1 454 000	ExlerNAL Power Cable Pz. 16" Display Scope				C. Watt	1		H.F.	1	
45187	(CADINET) WWI				10-17-51			10-17-51		
45188-	SUB-ASSY INTENSITY INTERCONNECTION			Adamshu				H.F.	1 1	PARTE LIST
1 30100	VIDEO CAPLE WWW	1. Sale 19.4		10-19-51		1	1200	10-225	7	THE RESERVE

DRAWING		lunes in	ORIGI-	DRAWN	ENG'G.		GRADE	)		45/0
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	1_	2	3	CLASS.	REMARKS
45189	EXTERNAL POWER CABLE P.2.16" DISPLAY		R. HUNT	Adems hus	C. Watt			H.F.		-
VV	Schop (Rinch) WWW) EXTERNAL POWER CABLE P2 1/6 Display			10-25-51				19-25-17		
45190	CIERNAL TOWER CABLE 12,16 PIROLAY VIORE (ROCK & Shelf) WW/	+		Adambukuk 10-25-51	- I am the contract of the con		1	10-2551		*
45191	VILLE VILLE FOR THE WAY		1		75-203 97			10000		
		+			<del> </del>			+	-	
45192									,	
45193					1		-	1		
15101		h /			-				-	
45194		1 . 1								
45195		->							-	
45196		<del>                                     </del>		<del> </del>	+		+	+	-	<del> </del>
		7								
45197					-		-	-		
45198	1									
		2		-			-			
45199		1/4		1			+	-	·	<u> </u>
45200										
		+			-	-			-	-
45204										
45202				-				-		
		<del>                                     </del>		-	-			+	-	
45203										
45294								-	-	
45205					+		+	+		
45/6113										
45206		<del></del>	_	-	-			-	1	<del>                                     </del>
45207										
		4	_		-	-	-	-		· · · · · · · · · · · · · · · · · · ·
15298		+			-	-	-		1	-
45209										

DRAWING		1	ORIGI-	DRAWN	ENG'G.		GRADED			25114214
NUMBER	TITLE	USED IN	NATOR		APPROVAL	1	2	3	CLASS.	REMARKS
D45210-1	INTERCEPTION PROGRAM		D. ISRHEL	D.I.SRAFL						-CONFIDENTIAL-
(45211-1	SIMPLE PIRCRAFT TRACKING AND		D. ISRALL	2-1-51 D. ISRALL				•		~ CONFIDENTIAL~
- 11	CIRCUIT SCHEMATIC -5000 VOLT		R. BEST	J-1-5/	WOGDEN		N.H.T.	W.OGDEN		
45212-	POWER SUPPLY, MOD. I MTC		17.19531,	The state of the s	12954		4-6-51			
45213	PRE- HIMPLIFIER FIG. 1	THESIS	R.BEST	R. BEST J. 12.51					,	
A 45214	OLTROT AMPLIFIER FIG. 2	THESIS	R BEST	R. BEST						
45215	ELLDGACK PHASE INVERTER FIG. 3	THESIX	R. BEST	2-12-51 R BEST			-			
140000	4			0-10 51						
45216 1	MIMPHITIER TEST BLOCK DIAGRAM FIG. 4	THESIS	R BEST	R BEST						
45217	INTENSIFYING AND SWEEP GENERATORS	THESIS	R BEST	R BEST				,		
A 45218	F16. 5	THESIS	R GEST	J-12 51 R BEET						F-1253
45219	12 12 12 17	THESE	R BEST	2-12 51 R BEST			-			F-1253
1		7828	A ISEST	2 12 51						
A 45220	AMPLIFIER CHISSIS FIG. 18	THESIS	R BEST	R BEST			-	-		F-1351
A 45221	AMPLIFIER, DISPLEY TUBE AND HIGH		R BEST	RBEST			1			F- 250
SA45222-/	BUFFER AND PHASE INVERTER FOR		RIGEST	P BEST			1		-	
HASIER I	16 IN SCOPE			2-31-51						
A 45222 A	FLEYOWRITER CODE		J. GILMONE	1. MATAS						
B 45224	ARRANGE MENT OF CASE TABLE, DRIER		J. GILADEE	m.aletas						
0 15005 -l	LIST OF FLI MURITER CHARACTERS		V. GIAMONE	3-12 51 M.MATAS						
	HOSECHIED & THE LUSE & ORDER MOLES			3-12 51					-	
A 45226 /V	REPRESENTATION OF INSTRUCTION ON  FLEXINGITES AND 556 TAPE	(79)	J. GILMORE	3-12 51	-					
A 45997	ALTERSENTIATION OF POSITIVE CONSTANTS		J. GILMORI		5			-	-	961
45228	V CH FLEXUWRITER STANDAR TAPE etc. REPRESENTATION OF NEGATIVE CONSTANTS		J. GILMOR	3-12 5/ -11. MATA:	5					
	I NI FLEXONRITER STANDARD TARE de		10	3-12 51			+		-	(*)
3 45229-/	PROGRAM		J. GILMUKE	3-12 51						
c 45230 ,	FLOW DIAGRAM FOR "FLEXOWRITER TO 5-5-6" CONVERSION PROGRAM TAPE # 7 138	fr	J. Granin	3-12-51					1	

DRAWING	, -	, , , , , ,	ORIGI-	DRAWN	ENG'G.		GRADED	)		
NUMBER	TITLE	USED IN	NATOR		APPROVAL	1	2	3	CLASS	REMARKS
A 45231	(NO ASSIGNED TITLE)	- 1	U. GILMORE	M.MATAS						
/v	/			8-12-51			4			
- 45232	LAYOUT FOR 16-INCH DEFL, AMP.		R. BEST	R. BEST				2		11
- 11				3-13-51						
A45233	FINAL AMP, FOR 16-INCH SCOPE		RIBEST	P. DEST			-			
				3-13-51	-		-	-	-	
A 45234	ELEXO CONVERSION PROGRAM TIBE		J. GILMORE				-	-	-	b paper
1			1011	3-13-51			-	-	-	
A45235	CIRRUIT SCHEMATIC HUTOMATIC		R. HUHT	RHUNT				-	-	
	CHRERA		70.11	3-14-51			+	-	-	
A45226	CIRCUIT SCHEMOTIC CAMERA REMOTE		R. HUNT	R. HUNT	<b>-</b>			+		
A 4 = 0.0PM	CONTROL PONEL	1	1150	3-15-51	-		+	+	<del> </del>	F-1290
A 45237	DAGRAMMATIC DESCRIPTION OF A CONFIDER	E-27419	V. SALZER	BRUNSWICK				1	1	1-1040
A 45238-/	COCILLATIONY RESPONSE OF SECOND - ORDER	E-2019	J. SALZER					+	<del>                                     </del>	F- 1291 5331 + 593.
Harrison	SYSTEM TO PARABOLIC DRIVING TUNCTION	E-3014	O OFFICE	3 20.51				1'		19/1 022/11 0 138
A 45239-/	EXER-DAMPED RESPONSE OF SECOND-ORDER	E-2019	J. SALZER	BRUNSVICK						F-1392 5933 + 59
r Vv	SYSTEM TO PARAGOLIC DRIVING FUNCTION			3-80-51						
A 35240-1	DIER-DAMPED RESPONSE OF SECOND - ONLER	E-2019	J. SALZER	BRUNEWICK						F 1293
/v	System To PAMEBOLIC DRIVING FUNCTION			3-20-51						/
A 45241	ADDITATION DIGITAL COMPUTERS TO		J SALZER							F-1294 5935
41	CONTROL SYSTEM			3-20-57						
A 45242	A TYPICAL FLEDBACK CONTROL SYSTEM		J. SALZER	BRUNSWER						F 1215 3336
/V				3-20-51						
A45243	AMPLITUDE YARIATION OF INTEGRATION		U. SALZER	BRUHSWICK			-		-	F-1296
	OPERATORS			9-22-5!			-	-	-	
A-45244	A CONVENTIONAL SERVO AND ONE		W.LINVILL	MMATA	4		-	-	-	
	HAVING H SAMPLED - DATH SECTION		$\rightarrow$	3-28-51	-		-	-	+	
A-45245	A CAMPORISON BETWEEN A SAMPLED DA ACOMACE		W. LIMYILLE	M. MATAS		-	_	-	-	
V /	SYSTEM AND A CANVENTINEAL TYPE	<del>                                     </del>	1 Day	3-23-51	+		+	+	+	- C
SA45216	GRINTED RECORD OF TRACKING WHILE-		J. TIKD W	COMPUTER	+		+			CONFIDENTIAL
	AUXILLIARY CIRCUITS FOR IS INCH DISPLAY	<del> </del>	R.BEST	3-57-51 R.BEST	<del>                                     </del>	_	+	+	+	
SB4,5247	,		1.1353/	3-29-51			1		1	
645248	AUTOMATIC PICKUP I		D. KEMPIR	D. KEMPER				+	1	CONFIDENTIAL
/ V			1	3-29-5						
5845249	DTP-2		D. KLOPLK	D. Kenika						~ CONFIDENTIAL-
V.				3-30-37						
A 45250	LABELS FOR - 5000 YOLT TV POWER		P.BEST	M. MATAS				M.H.T.		
14	CUPPLY			3-6-51				14-6-51	/	
SA45251-1	INTERSIFICATION FLIP-FLOP FOR 304-H		D. BEST	P. BEST				1		
	SCOPE			4-20-51	/			1	1	



DRAWING		USED IN	ORIGI-	DRAWN	ENG'G.		GRADE	)	0. 400	
NUMBER	TITLE	USED IN	NATOR		APPROVAL	1	2	3	CLASS.	REMARKS
45252	USES OF DIGITAL ANALOG CONVERSION DEVICES	THESIS	VAL QUIST	BRUNSWICK						MH
	(1) DIGITAL COMPUTER CONTROL SYSTEMS			4-25-51						
A 45253	USES OF DIGITAL ANALGS CONVERSION DEVICES	THESIS	YALQUIST	BRIMSWICK			-	1	-	mH
YV	(2) SERVOMECHANISM CONTRUL SYSTEMS			4-2551				-		
45254	USES OF DIRITAL AMELOG CONVERSION DEVICES	THESIS	WALGUIST				-	-	-	_MH
	(3) STORAGE OF INFORMATION		Lucas Over and	4-25-51	1		+	-	+	md .
45255	CASCADED CATHODE-FOLLOWER USED AS	7 HESIS	WALQUIST		1	(4)	1	1		
Thora V	CONSTANT CURRENT SOURCE INCORPORATING	-1.00	WAL QUIST	4-25-51				+	-	mH
15256			WAL QUIST		1		1	1		
a 45257	AFAIR-TEOP ASTHE HOLDING" OR STORAGE MEDIL CHSTANT CURRENT SOURCE WITH PUSH-PULL	Time	The American	4-25-51 BEUHSWICK		_	+	+	+	MN
	CUTPUT + IMPROVED SWITCHING	(1/45/3	WHE GUIST	A STATE OF THE PARTY OF THE PAR						
	YOUTAGE SOURCE SWITCHING CIRCUIT	THESIS	WALQUIST	26.51 Pompout			1	+	_	mN
A 45258	HUMINGE SAVIEGE SWITCHING CINCOIT	1115313	WALQUIST	4-25-51						1111
A 45259	BASIC BINERY- NEIGHTED DECODER GREWIT	THICIC	WAT ALLE	BRUHSWICK	1		1	1.	1	nd
H SALAS VI	USING YOUTAGE SOURCES	/HES/S	WHEGITST	-1-25-51				1'		
A45260	BINARY-WEIGHTED DECODER CIRCUIT USING	THECIC	WALQUIST		1					md
Hamos			1	4-25-51						
₹452 <b>61</b>		THESIS	WALGUIST	BRUNINGE						MM
V /	CIRCUIT USING YOUTHSE SOURCES			4-25-51						
45262	BLOCK DIAGRAM FOR STATIC TESTING	THESIS	WAL QUIST	BRUNGWICK						and
+4.1206	LE TWO DIGIT DECODER		1	4-25-51						
A45263	BLOCK DIAGRAM FOR DYNAMIC TESTING	THESIS	WALGUIST							MH
7	OF TWO DISIT DECODER			4-25-51						
B45264	POWER SUPPLY REGULATOR FOR DECODER	THESIS	WAL QUIST	PRINSWICK						MH
٠ لا	√			4-25 57	/					
45265								1		
CONTRACTOR OF THE PARTY OF THE										
A 45266		THESIS	WALCUIST	BRUNSWICK			-	1		F-1327 MH
/	V WAVETONIN FOR SINGLE DECODER CHANNEL			4-25-51						
45267	OUT PUT WAVEFORMS FOR TWO DESIDER	THEGIS	WAL GUIST	BRUMSWICH	<		-	+		F-1328 MM
	CHAMMELS			4-35 51	1			+		
A 45268	CATHODE + PLATE CIRCUIT WAVEFORMS	THESIS	MALQUIST	BRINSWICK				-	-	F-1329 MN
	OF THP. THOP			4-35 51			-	+	-	- 121 0 : 111/
A45269	, TRESODER RESPONSE TO POSITIVE +	THESIS	WALQUIST	BRUNSWICK	4	-	+	+	+	F- 1330 MM
Y V	MEGATIVE THRUT PULSES		Later Driver	4-25-51			+	+	+	MM
345270	FINAL DESIGN OF TWO DECODER	THESIS	WAL QUIST	BRUHSWE			+	+		MH
4 T C) T I	CHANNELS INCLUDING CHECKING GROUT		11/21/	4-85 51			+-	+	+	mN
15271	EQUIVALENT GIRCUIT FOR CASCADED	THESIS	WHIL QUIST		the second second		1	-	+	11114
1=000	EQUIVALENT CIRCUITS FOR YOUTAGE	THESIS	WALGUIST	BRUHSWE			+	+	+	MM
45272	SOURCE SWITCHING CIRCUIT	1115/2	WHEADIST	OKUMSNE			1	<b>T</b>		THE STATE OF THE S



DRAWING		1	ORIGI-	DRAWN	ENG'G.		GRADED			
NUMBER	TITLE	USED IN	NATOR	EY	APPROVAL		2	3	ASS.	REMARKS
145273 - G	WARMUP DRIFT OF DECODER OUTPUT	THE515	VALQUIST	BRUNSWICK	т				1	MY
W	VOLTAGE!			5-1-51						
A45274	7	THESIS	WALRUIST						-	F-1341 MM
	SHOWING DECODER QUIPUT VOLTAGE			5-1-51			1		_	NOT T
B 45275- G	STATIC DRIFT TEST OF DECODER	THESIS	WALQUIST	BRUNSWICK	1		+ - 1			MH
	OUTPUT VOLTAGE		E X S	5-1-51			-		-	mN.
	RELATIVE DRIFT BETWEEN TWO DECODER	THESIS	WALQUIST	5 - /- 5/	1	(4				
	EFFECTS OF QUNTIZATION AND		Wal Durat	Brunswhen			+		-	
45277	SAMPLINGON AIN ANALOG SIGNAL		VIALGUIST	5-1-51	<b>\</b>					
	A METHOD FOR THE RAPID TRANSMISSION	There	WALQUIST		1		+		-	MH
A45278 VV	DE AN ACCURATE VOLTAGE MASHITUDE	THESIS	WHEADIST	5-1-51	1					
45279	THE RESURE TOFINGE MISSINGE			122	1		1			
,		<del>- / - ]</del>								
45280		1/-1						,		
A 45281	, THEUT SYSTEM	THESIS	DITSRAEL	A. GRIFFIN						
				5-1-51						
A 45282	PLAN VIEW OF BOUNDARY BETWEEN AREAS	THESIS	TSRAEL	A. GRIFFIN						
				5-1-51						
A 45283	CIRCUIT SCHLMATIC CHUIE THOUATER	E-2024	HKIRSHMER	RMILLER	3	1				
11				5-4-51						
B45284-	BLOCK SCHOOLTIC LIGHT GUN + AMPLITIE	E-2024	- KIRSHMEK	0.00		-				
11				5-4-51		-				
C45285	CIRCUIT SCHEMATIC LIGHT GUH +	E-2024	H.KIRSHHLK	Nº MILLEN		<del> </del>		-		
	HMPHFIER		+	5 4 51		-	<del></del>			F-1340 MN
A 45286	POWER SUPPLY REGULATOR FOR DECODER	THESIS	MATRINZI	B SLAZIE	2					F-1340 MY
1 = 20m		T	VAL ALLET	3-10-51 B. GLAZILE	+	+	+	-	_	F-1334 MM
A 45287	EIPERIMENTAL TWO-DIGIT DECODER	THE 515	MUTBALL	5 10-51						7 1117
A 45288	FLAMPLE OF SAMPLIELE CONVERSION	THESIS	WALGINST	A GRIFFIN		1	1			MN
H 4.17.70	Devices	11.2010	Trine Anial	5-10-57						4411
A 45289	GRAPHICAL REPRESENTATION OF PATH OF ALREADY	THESIS	DITSREAL							
/·	BETWEEN TIMES TI ENDTS			5-11-51			Q			
B45290	CHARLER GENERATOR CHASSIS		DBUCK							
				5-21-51						
SB45291	LIKE AMPRIFIER CHASSIS		7.30CK							
ν,	4			5 22.5	1					
845292	MODULATION CHASSIS.		D BUCK	D. BUCK		-				
- V	4		-	5-22-51						
5645293	DEMODULATOR CHASSIS		D. BUCK	DUBUCK		-				
V V				5-29-5	/					

DRAWING	TITLE 1	USED IN	ORIGI-	DRAWN	ENG'G.		GRADED		01.400	2544242
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
-45294 //	MODULATED CARRIER VOICE CHANNEL	6673.	D. Buck	5/29/51						
4 45295	FIG-6, NAYORD REPORT, # 1032		ATTRIDGE							F- 1344 - CONFIDENT
45296	FIG 7, NAVORD REPORT, #1032		ATRIDSE	6.6.51						F-1345 - CONFINENT
B45297	BUFFER & PHASE INVENTER TOR 16-INCH SCOPE MODEL 2		7.5657	R.BEST 6-6-51		,				
45298	LIGHT GUN	E-2024	KIRSHNER							F-1398
45299	HIGHT GUH, COVERS OFF	E 7024	KINSHNER	10-15-51						T= 1299
15300 /	LIGHT - GUN AMPLIFIER	E-2004	KIRSHHER							F-1300
D45301	PLAR COURDINATE CHART		U. FRHOW	6-13-51 R. COSTELLO				,		
2 45302 Form V	STORAGE CONTENTS RECORD OF PERFORMENCE		V. SILMORE	6-18-51 A GRITTIN 6-19-51	/		-			
A 45303	EXAMPLE OF HOW A POSITIVE CONSTANT MAY		J. GILMURE		5		-			
A 45304	TOUR DIFFERENT FORMS OF STANDARD		- FILM . RE	AL MATA S			1			
45305	LARMITE OF HOW A NEGATIVE CONSTANT MAY		· SETTE							
B 45306-/	PRELIMINARY PROPOSAL #3, DATA			6-20-51 R. MAYER						CONFIDENTIAL
A 45307	PRILIMINARY PROPOSAL, AUXILIARY STLANGE			R. MAYER						
A45308	From DIRECTED FOR COMPUTER			WALGUIST	-				-	CONFIDENTIAL
4 45309	INCORPORATION OF ADIGITAL COMPUTER INTO	THESIS	J. Vell ZEA	6-21-51 B. glazin			1 .			
45310	Diegist System	7/45/1	J. SOLZEK	B. Starie	λ					
45311	CONSTRUCTION OF THE LOCUS OF THE	THELL	J. SALZER	A GRITING 7-19-51						
45312	TERST DINDLE DIFFERENCE COLPATOR	TILLSIS	J. SALZER							
45313	Knifical Spec. Of A Tunction without Sparin	- THISIS	J. SALZEK	BRUNSWICK			1			
A45314	COMMERSON OF FIRST DIFFERENCE PROMISE	PHESIS "	J. SALZER	7-19-51 A.GRIFFIA			1		7	

DRAWING		(	ORIGI-	DRAWN	ENG'G.		GRADE	)	0. 155	
NUMBER	TITLE	USED IN	NATOR		APPROVAL	1	2	3	CLASS.	REMARKS
45315-4	CIRCUIT SCHEMATIC,		P. BEST	M. MATA I				H.F.	1	#
7.1.1.1.J	DETRECTION HOMPLIFIER Scope UNI	TF		7-30-51				8-3-51		
45316	REPRESENTATION OF A SAMPLING -	THESIS	1. SALTER	B.GLAZIER						
4 4.1.570	HOLDING UNIT	Edit Made Cod		7-80 51						
A 45317	LITEST ST SAMPLING ON THE POLE	THESIS	J. SALZER				<del>                                     </del>	+		
H43317	CONFIGURATION IT THE TRANSFORM ITE	THE XIE	0.000	7-20-51			-			
(04=040-1	DATA PRINT-UP T-372		ROSSBACH	7	i T					-CONFIDENTIAL-
5645318-	24		1000000	7-20-51		YI YI			_	2 SHEET'S
15010	EFFECT OF SAMPLING IMPULSE MODULATION	Tilisis	1 (11741)	A GRIFFIH						& UHEETS
A 45319		1711 313	U. STIFFER	7-20-51			1			
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	EN TRE QUENCY CHARD IT FRATILS to	Theors	1 6/200	F. Brungun			1	+		
4-45320	campling illustrated in the Fraguency Demain	1,14.4.2	) . Ja / 2 4 P				1		-	
			1,0	7-20-51			+			
-45321	F16.2.21.3 The limitation of bandwidth due to	Theres	J. Salzar	F.B.	-			+		
				7-20-17			-	-		
A-45322	FIG 3 12-1 THE FORM OF DATA THROUGH	THESIS	J. Salzer				-	· · · · · · · · · · · · · · · · · · ·	-	
VJ	AN IDEAL SAMPLING-HOLDING UNIT			7-23-51						
45323	THE TORIN OF DUTH THE WITH UN MINESE -	THESIS	J. VALZER		-		-	-		
VV	NODOLNITER HUTS TILTIE			12351			-			
45324	LIKUSTRATION OF CONFORMAL MANTETTE TO	THESIS	UNGERER	H. GRITIN	/		-			
	COTALL THE LOCK OF W3 (S)=1- DETE	7		7.2951						
A 15325	CONFORMITY OF POLLS OF PROGRAM TRANSFER	THESIS	J. SALZER	MIMATAL					101	
1	TUNCTION IN S. PLHIE AND 3- PLANE			72: 11						
A 45326	THUSTRATION OF THETABILITY INE TO	THISIS	U. SALZIK	11.001705						
F1	MULTIPLE POLLS ON THIS SILLERY HAIS ste			7-27-57						
A 45397	Jan Listian of Stabilet by	There	. Sohre	2-24-51						
7	Cantained his sunging lottlene		+ }	B. 66 in	,					
45328	Lucy trantian Stability by	There	hold or	OR Fair						
H 4.1.1.0	3/12 i 3- Plant 1 7		1 4	22/1-8						
-45329	12 36-1 Allot between & Colound	Meris	1. 12/11	1.011			1			
7-4.1.173	morning to I tree the Lavin lest	The state of the s	17	224-5						
4=920	11 4 17 18 11	There	2/	1. Cille	.1		1			
45330	to specing to the e- dine	1. Col	7 101	5-21-5	_					
9-45331	EFFECT OF SECOND-DEGREE	Thesis	J-SALZER				1		1	
	TERM ON LOCUS	1/23/3	J. STREET	7-24-51	1					
	ILLUSTRATION OF CONFORMAL MARPING	Thesis	J. SALZER			<del>                                     </del>	1	+	+	
-45332			N. SALCER	7-29-57					1	
	TO DETHIN LUCUS OF SINGLE TERM OF PROGRAM		75435	M.MATAS		<del> </del>	+	+	+	
-15333	LOCI OF SAMPLE TWO-TERM	Thesis	J. SALLER			+		+		
V.	POLYNOMIALS	+/	70.	7-24-51	+	+	+	+	+	-
-45334	LOCI OF FIRST-DEGREE	Thesis	J- JALZER	M MATAS		-	+	+	1	
V.	PARTIAL FRACTIONS	There is a	7 (4 -	7-24-5		+		+	+	
A 45335 /	DIAGRAM PROGRAMMING LTC	THESIS '	J. JAFZER	B. GLAZIE		+		-	-	
, , v				7-34-51				1		1



DRAWING		1	ORIGI-	DRAWN	ENG'G		GRADED	)	V	
NUMBER	TITLE	USED IN	NATOR		APPROVAL	1	2	3	CLASS.	REMARKS
445336	TABLE COMPARING EFFECTIVENESS OF	THESIS	J. SALZER	B. GLAZIER					1	MM
	V PRUGRAMM ING METHODS			7-24.51						
A 45337	COMPARISON OF PROBRAMMING METHOUS	THESIS	U. SALZER	B. GLAZIER			-		-	MH
. Υ	VAS APPLIED TO AN EXAMPLE		-	7-34-51			-		-	
A 45338	DIBGRAM OF PARALLEL PROGRAMMING	THESIS	J. SALZER	B. GLAZER			-		-	
^ 4=000	V		1 (4)	7-34-51			+		-	
A 45339	LOCI OF BASIC ROGERAMS HAVING FIRST DEGREE	THESIS	U. SALZER	A. GRIFFIN					-	· · · · · ·
2010	NUMERATURS + SECOND - DEGREE DENOMINATUR	5	1 60000	7-24-51					-	
15340	LOCUS OF A FOURTH DEGREE POLYNOMICAL	THESIS	U. SALZER				1	1	1	
0.4=0.4.4	J TRANSFER FUNCTION		V. SALTER	7-25-51 A GRIFTIN	ļ		+		+	
A45341	LOCI OF RECIPROCALS OF SECOND-	THESIS	VIVALZER		1		1			
0.45040	V DEGREE POLYTISMIALS	-1/	7 7	7.25-51 A. GRIFIN	/		+		+	
A45342	STABILITY STUDY BY CONFORMAL MAPPING	THESIS	V. VALZER		1				<del> </del>	
. 4-040	OF FIRST- DEGREE DENOMINATURS	Tlitsis	J. SALZER	7 25 57				-	+	
A 45343	LOCUS OF IDEAL PREDICTOR	111=5/3	U. VIII ZER	H.WILLIAMS			-	1'	1	
145344	YARIOTION OF VECTOR (ZI-Z) WITH	THESIS	1. 101718	A. WILLIAM S			1		_	
Harris	RIAL TOEQUENCY	111550	D. Brzen	7-25-51						
4-45345	INSPENDENT OF PREDICTION THRU PHASE LEGIST, COPE.OF	THESIS	1 SplzeR	Keriffer						
1 4.3,3,000	THE CLASSICAL SECOND-ORDER EXTEN-POLATION FORMULA		1	7-26-51						
4-45346	Syntesis of Prediction Program having	Thesis	11	minata						
7	Second - Degree Denomination			7-26-31						
45347	Synthesis of Prediction Program	There	- ti	In huta						
	having thril bourse Denonination									
4-45318-6	anote & Place Characteristics of Redictions Progra	''	• /	( )						
	Syntherical from the Classical 2 - order Estra form	Ja								
9-45349-6	amplitude & Phase Characteristics of		11	и			-	-		
· /	Prediction Programs						1			
4-45350	Dejivation of an Ideal-Phase Balizable	"	44	B. Sland	/			-		
	· Differentiating Operator									
4-45351	LIMITS OF STABILITY OF A PREDICTION	Thesis	J. SALZER				-	-	-	
	PROGRAM		-	2-26-51		-	+		+	
3-45352	COMPARISON OF FIRST-DERIVATIVE	9. 29.	JSALZER	B. G 102101				-		
Y	AND FIRST-DIFFERENCE OPERATOR		1101	2-26-51		-	-	-	+	
4 45353	graphical Hid for the Construction of the	<u> </u>	J. Jakzer	A. William			-	+	-	
	Frequency Chara deristies of the Program	20		7/26/51			+	+	+-	
A 15354	Comparison of Classical Extrapolation		1	B. Glazie				1	+	
A	Formulae & Ideal Prediction	The contract of	1 (0,	7-26-51		<del>                                     </del>	+	+	+	-
45355	GRAPHICAL AID FOR THE CONSTRUCTION		V. JALZER	A.WILLIAM				1	+	
1 45950	V OF THE FREQUENCY CHARACTERISTICS etc	TAESIS	1.60,000	7-27-51 ANILLIAM		<del>                                     </del>	+	<del></del>	1	<del>                                     </del>
45356	IMPROVEMENT OF PREDICTION THROUGH  AMPLITUDE CORRECTION OF etc	1 45013	U. CHERER	7-27-51		1	1	1	_	

DRAWING		1	ORIGI-	DRAWN	ENG'G.		GRADES	)		
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
45357	Relation of Conformal Maps To The	Thesis	J. Salzer	B. 6/00/27/51	7				\ \ \ -	
/	Frequency of Divergent Oscillation									
45358	RELATION OF POLE LOCATION TO FREDIENCY	THESIS	V, SALZER	10.0			-	1	-	
/	V OF DIVERGENT OSCILLATION			7-30-51						
9-45359	POSSIABLE WAYS OF BUG MENTING	THESIS	J.SALZER	A WILLIAM			_	-		
	VASAMPLED FUNCTON FOR LOURIER ANALYSI.		177	7-30-51	-		+	+	+	
A 45360	POSSIBLE WAYS OF FLUGMENTING A	THESIS	V. JAIZER	B. GLAZIER			<b>—</b>		++-	
	V CONTINUOUS FUNCTION FOR to		J. SALZER	7-30-51 A.GRIFTIN			+	+	1	
45361	LYALVATION OF RELATIVE IMPORTANCE OF	THESIS	U. UHLZER	Water the state of					1-1-	
	AMPLITUDE AND PHASE ERRORS	THESIS	J.Saber	7-30.51 A.Willam			+	+	1	
45362	AMPLITUDE SPECTED OF INPUT EUROTONE	IHCSIS	S. Super	2-70-51				1	+ + +	
A ************************************		THE SES	J. SALZER	A.GRIFFIN	<del>                                     </del>		_	+	+	
A ahishis- G	CONSTRUCTION OF PHASE CHARACTERISTICS	13/12/2	VIVERZER	7-30-51				1		
1 45904 6	TO A STATE OF THE POOLS	THESIS	J. SALZER	A. GRIFFIN			+	1	+	
Hanna-G	Y YECTORS (Z2-Z)	THESIS	U. SHEZEK	7-30-51	/			1'		<del></del>
A 45365 6	- COMPARISON OF ERRORS OF VARIOUS	THESIS	U. SALZER			-				
m 4.11.11.10 - G	QUADRATURE FORMULAE			7-30-27						
DA5366-6	FAMILY OF PHOSE PLOTS FOR VECTORS	THE CIS	V. A12E18	M. M. ATAS						
H 4.1.1110	(z, - Z)			1 20 -1						
45357										
	- CONSTRUCTION OF LOG AUDULUS	T112515	- VINALZER		-		-	+		
V 17000	CHAMISTIC OF PROBRAM SE		17	7-3051			+	+		
A 45369-G		THESIS	J. SAL768	7-30-51		1		+	<del>                                     </del>	
4-050	WAF PRIGRAM INVOLVING REAL ROOT	THESIS	V. SALZER	B. G. A. Z. L. R	-		+	+	+-+-	
4453 <b>70</b> - 6	- CONSTRUCTION OF LOG MUDILUS CHARACTERTICS	1 // (2/2	V. OFILLER	7-34-51			1.			
1 4 = 0 m/4 = C=	COMPARISON OF AMPLITUDE AND PHASE	THESIS	1. Canon	A. William:				+	+	
	CHARACTERISTIS OF DIFFERENTIAL SE	1 462/2	U.S. OFFER	7-30 51						
A 45372-6	- GOMPHELS I AT AMPRITUDE CHARACTERISTICS	THEGS	J. SALZER	A SELLIN		1		+	++	
H 4.11.11	V OF DIFFERENTIATING OPERATORS			7-30 51						
45373	DERIVATION OF GM TDEAL PHILE GOT	THE515	J. SALZER		4					
	UNTERFIAZORIE DIFFERENTIATING DEFRAGOR			7-31-51						
0 45374	THE ROLE OF ANALOG FITTERS IN	THESIS	VIJALZER	-						
	V DIGITAL CAMPINSATING TRENNIGOES			7.31-51						
4 45375-6		THESIS	· VISALZER	B. GLAZIER	9					
v	V CHARACTERISTICS OF DIRITALLY etc			7-31-51	/					-
45376	POSITION CONTROL SYSTEM WITH	THESIS	V. SALZEK	A. WILLIAM,						
	N DISITAL COMPENSATION			8-1-57						
	OPEH-LOOP CHARACTERISTICS DE SAMPLED	THESIS	V. SALZER.	B. GLAZIEI		-	-	+		
	NDATA POSITION CONTROL SYSTEM etc	1		8-1-51	1			100		

DRAWING	TITLE 1	11050 111	ORIGI-	DRAWN	ENG'G		GRADED		01 400	DEMARKS
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	I	2	3	CLASS.	REMARKS
45378	STEPS IN SYNTHESIS OF COMPENSATING	THESIS.	J. SALZER	A. GRIFFUH 8-1-51					Ι.	
45379-G		THESIS	J. SALZLA					•		
45380 G	OPEH-LOUP CHAPACTERISTICS OF CONTIN-	THISIS	VI SALZER	B. GLAZIER 8-1-51			-			
C45381.	PWTFT-I T-400		D. KEMPER	D. MEMPER		70				- CONTIDENTION -
D45382-1	TWO AIRCRAFT TRACKING FASID ON		D.ISRALL	DISPALL						- CONFIDENTIAL -
D 45383	FLOW DIAGRAM FOR INTERCEPTION	M-1343	V. ATRIDGE D. ISRAEL	A. STRATIS					1	- CONFIDENTIAL -
- 45394-1	D. P. O	>	A TEMPER							REDRAWN 3-21-51  CONFIDENTIAL
-45385	FLOW DIAGRAM FOR INTERCEPTION	2	DISPACE	8-14-57 DI 8-14-51				,		~CONFIDENTIAL ~
45396	FLOW DIAGRAMFOR TABEK WHILE		DISRAEL	DI						- CONFIDENTIAL -
45387	A DIGITAL COMPUTER FILTERING A	SLIDES	W.LINVILLE	Committee of the commit						F-1363 5-342
-45388	SAMPLED SIENAL	SLIDES	W. LINVILLE	0.000						F-1364 SM-343
- 453 <b>9</b> 9	COMPUTER OUTPUT	SLIDES	W.LINUILLE	0.000						F-1365 SN- 344
-45390	CONTINUOUS DUTPUT	SLIDES	W.LINVILLE	8-16-57 F.B.						F-1366 SH-345
- 45391	Time Domain,	SLIDES	W.LINVILLE	8-16-57 MM.			<u> </u>			F-1367 SN-346
· 45392	FREQUENCY DONAIN			8-16-51			lit .			
45393								_		
				3.5			-			
45394			-							
45395							-			
45396										
45397							-			
45398		-	-	+	-		+	-	-	

RAWING	TITLE	3 =	UCED IN	ORIGI-	DRAWN	ENG'G.		GRADED		CI ACC	DEMARKS
NUMBER	TITLE		USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
15399											97
45400											
45401											
45402											
45403											
45404											
45405											
45406									,,		
45407											
45408											
45409											
45410										-	
45411											-
45412								-			
45413											
45414					i Wi						
45415											
45416											
45417											24
45418											
45419											

RAWING	TITLE	1	luces in	ORIGI-	DRAWN	ENG'G.		GRADED		CLACC	REMARKS
NUMBER	TITLE		USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
15420											
45421									:		
45422											
45423				-							
45424											
45425											
45426				_							
45427									,		
45428				_							
45429	8			1							
45430											
45431											
45432									-		
						-				-	
45433								*			
45434					-			-			
45435											
45436								1			
45437											
45438											
45439											
45440			<del>                                     </del>					+-7-		1 1	

RAWING	TITLE	TITLE 1	USED IN	ORIGI-	DRAWN	ENG'G.		GRADED		CI AGE	REMARKS
NUMBER	311112		USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
15441										1	
15442											
15443		-						-			
15444											
5445											
15446											
15447			<u> </u>								
15448									,		
15449											
15459	5										
15451											
15452											
5453											
15454											
15455											
5456											
5457			200								
5458											10)
5459											
15460											

RAWING	-	 1 Y . 1	ORIGI-	DRAWN	ENG'G		GRADED			45462
NUMBER	TITLE	USED IN	NATOR	BY	APPROVAL	1	2	3	CLASS.	REMARKS
15462										_
15463										
15464										
45465						748				
45466										
45467										
45468										
45469								,		
15470										
15471		 								
15472										
15473										
15474										
15475										
45476										
15477										
45478 ——										
45479										
45480										
45481										
45482										

RAWING	TITLE	1 - 1 '	USED IN	ORIGI-	DRAWN	ENG'G		GRADE	)	CLASS.	REMARKS
NUMBER			OSED IN	NATOR	BY	APPROVAL	ı	2	3	ULASS.	REMARKS
15483	0									3	
15484									3		
45485											
45486											
45487									<b>†</b>		
45488											
15489											
45490									<del></del>		
45491											
45492											
45493											
15494											
45495									-		
15496											
45497											
45498					***						
45499											
45500											3)
45501										++	
45502								1			
45503					<del>                                     </del>						

